

Institute of National Importance under PMSSY, MoHFW

Government of India www.aiimsrajkot.edu.in

ONGOING RESEARCH PROJECTS

| S. No | Project code | Principal Investigator | Title | Duration | Date of project sanction | Approved funding grant | Funding agency |
|----------|--------------|---------------------------|---|----------|--------------------------------|--|--|
| Ext | tramural | | | | | | |
| 1 | EM/02/2022 | Dr. Bhautik Modi | Patient's perspective on quality of care in private and public health sector along with patient's satisfaction in context with tuberculosis. | 9 months | 14/02/2023 | 77,000 | Commissionerate of Health, Govt. of Gujarat. |
| 2 | EM/03/2022 | Dr. Anjali Modi | Postnatal anaemia: situation and combat strategy in Gujarat. | 1 Year | 14/02/2023 | 84,000 | State Health System Resource Centre, Govt. of Gujarat |
| 3 | EM/04/2023 | Dr. Ashwini Agarwal | Setting up of Viral Research and Diagnostic Laboratory (VRDL) at AIIMS Rajkot. | 5 years | 17/02/2023 | Non-recurring grant-in aid Rs 1,50,70,000 recurring grant- in aid Rs 46,40,000 (per annum) | Dept. of Health Research, ICMR |
| 5 | EM/06/2023 | Dr. Ashwini Agarwal | Upgradation of Viral Research and Diagnostic Laboratory to BSL-3 | 5 years | 17/02/2023 | Rs 13.95 Crore | Dept. of Health Research, ICMR |
| 6 | EM/07/2023 | Dr. Krupal Joshi | Association between bidi smoking and cancers in India: Multicentric case control study. | 1 year | 03/11/2023 | 30, 000 | AIIMS – Gorakhpur |
| 7 | EM/08/2024 | Dr. Bhavesh Modi | National Mental Health Survey – 2 (NMHS-2) | 2 years | 23/02/2024 | 75,00,000 | NIMHANS |
| 8 | EM/09/2024 | Dr. Tarang Patel | National cancer Registry programme Hospital Based Cancer Registry (HBCR) | 2 years | 23/03/2024 | Non-Funded project | National Centre for Disease Informatics and Research, Bengaluru |



Institute of National Importance under PMSSY, MoHFW

| 9 | EM/10/2024 | Dr. Gayatri Bhatia | Medical and psychiatric comorbities among patients with alcohol dependence: A multi- centre study from India | 2 years | 23/02/2024 | Non-Funded project | AIIMS New Delhi |
|----|------------|------------------------|---|----------|------------|-----------------------|--|
| 10 | EM/11/2024 | Dr. Krupal Joshi | National Study about Hypertension and Diabetes care and control provided at Health Care facilities in India. | 6 months | 26/04/2024 | 40. 000 | AIIMS Rishikesh |
| 11 | EM/12/2024 | Dr. Krupal Joshi | Engagement of Medical Youth to Reduce the Burden of Early Age Onset of Hypertension Disease in India. | 1 year | 27/05/2024 | 29, 741 USD | Global Health Advocacy Incubator - USA |
| 12 | EM/13/2024 | Dr. Mehul Kaliya | Impact cost-effectiveness and sustainability of a synergistic, multipronged, customized, low- cost intervention package (IP) to reduce cardiovascular disease (CVD) burden among diverse populations across india | 5 years | 11/06/2024 | 10,64,000 | ICRAG-2, ICMR |
| 13 | EM/14/2024 | Dr. Ashwini Agarwal | Prevalence and determinants of anemia in pregnant women and adolescent girls in gujarat: A biochemical and dietary assessment | l year | 05/08/2024 | 1,21,98,000 | State Health Systems Resource Centre, Govt. of Gujarat |



Institute of National Importance under PMSSY, MoHFW Government of India <u>www.aiimsrajkot.edu.in</u>

Projects under VRDL

| EM/VRDL/1/2024 | Dr. Ashwini Agarwal | Molecular Surveillance of Respiratory Viral Infections in Pediatric Patients at AIIMS Rajkot: A Hospital Based Study. | 2 years | 05/08/2024 | VRDL recurring grant | Dept. of Health Research, ICMR |
|----------------|------------------------|---|-----------------|------------|-------------------------|-----------------------------------|
| EM/VRDL/2/2024 | Dr. Abhishek Padhi | Epidemiological and Molecular Characterization of Incidentally Detected Asymptomatic Hepatitis B Subjects in AIIMS Rajkot | 2 years | 05/08/2024 | VRDL recurring grant | Dept. of Health Research, ICMR |
| EM/VRDL/3/2024 | Dr. Abhishek Padhi | Seasonal Surveillance and Molecular Epidemiology of Influenza Viruses in Rajkot: Implications for Targeted Vaccination Strategies. | 2 years | 05/08/2024 | VRDL recurring grant | Dept. of Health Research, ICMR |
| EM/VRDL/4/2024 | Dr. Ashwini Agarwal | Molecular and Serological Surveillance of Chikungunya Virus in the Rajkot Region: Implications for Public Health and Disease Control | 2 years | 05/08/2024 | VRDL recurring grant | Dept. of Health Research, ICMR |
| EM/VRDL/5/2024 | Dr. Abhishek Padhi | Impact of COVID-19 Pandemic Waves on the Circulation and Evolution of Influenza Strains in Gujarat: An Analysis Using GISAID | 1 year 6 months | 05/08/2024 | VRDL recurring grant | Dept. of Health Research, ICMR |
| EM/VRDL/6/2024 | Dr. Anil Chaudhary | Mumps in the Vaccination era: A hospital- based study on rising cases of mumps amongst the children. | 1 year | 05/08/2024 | VRDL recurring grant | Dept. of Health Research, ICMR |
| EM/VRDL/7/2024 | Dr. Abhishek Padhi | Molecular characterization and Serotyping of Dengue virus Strains in Rajkot Region: Implications for Diagnosis, Treatment, Vaccine Development and the Influence of Climate Change. | 2 years | 05/08/2024 | VRDL recurring grant | Dept. of Health Research, ICMR |



Institute of National Importance under PMSSY, MoHFW

| Intr | amural Funded | | | | | | |
|------|-----------------|---------------------------|---|---------|------------|------------|----------------|
| 1 | IM/F/01/2023-24 | Dr. Garima Anandani | Spectrum of RBC indices, RBC histogram and HPLC findings in Thalassemia syndromes and Hemoglobinopathies: In Saurastra-Kutch region. | 2 years | 13/09/2023 | 4,57,398 | AIIMS - RAJKOT |
| 2 | IM/F/02/2023-24 | Dr. Patnana Arun Kumar | Comparative evaluation of nano hybrid and fibre reinforced composites as post endodontic restorations in primary teeth - A Randomized Controlled Trial | 2 Years | 13/09/2023 | 42, 850 | AIIMS – RAJKOT |
| 3 | IM/F/03/2023-24 | Dr. Vinay Chitturi | Biomarkers of Elevated Cognitive Load in a Working Memory. | 1 Year | 13/09/2023 | 3, 08, 000 | AIIMS - RAJKOT |
| 4 | IM/F/04/2023-24 | Dr. Amit Sonagra | Exorne sequence analysis of patients with rheumatoid arthritis for identification of potential causal genetic variants. | 2 years | 13/09/2023 | 4, 90, 000 | AIIMS - RAJKOT |
| 5 | IM/F/05/2023-24 | Dr. Sagar Dholaria | Usefulness of urinary C- megalin for diagnosis of kidney disease in patients of type-2 diabetes mellitus: a cross-sectional study. | 2 years | 13/09/2023 | 4, 49, 000 | AIIMS - RAJKOT |
| 6 | IM/F/06/2023-24 | Dr. Mohit Galani | Effect of final irritant on healing of periapical lesions following single visit endodontics in multirooted Teeth: A Randomized Controlled Trial. | 2 Years | 13/09/2023 | 49,000 | AIIMS - RAJKOT |
| 7 | IM/F/07/2023-24 | Dr. Anil Chaudhary | Correlation between Anti-cyclic citrullinated peptide (Anti-CCP) antibody titre and disease severity in Rheumatoid Arthritis | 2 years | 13/09/2023 | 1, 10,000 | AIIMS - RAJKOT |
| 8 | IM/F/08/2023-24 | Dr. Anita Motiani | Maternal Vitamin B12 status during pregnancy: Association of low vitamin B12 with markers of oxidative stress- MPO, Ox- LDL & IsoPs | 2 years | 13/09/2023 | 4, 44, 150 | AIIMS - RAJKOT |
| 9 | IM/F/09/2023-24 | Dr. Sundeep Charmode | Anthropometric Analysis of Deltoid Muscle and the Underlying and Related Neurovascular structures- A Cadaveric study | 2 years | 13/09/2023 | 10,000 | AIIMS - RAJKOT |



Institute of National Importance under PMSSY, MoHFW

| 10 | IM/F/10/2023-24 | Dr. Sachin Singh | Efficacy and Safety of Oral Vitamin D | 2 years | 13/09/2023 | 3, 02, 400 | AIIMS - RAJKOT |
|----|-----------------|--------------------|---|---------|------------|------------|----------------|
| 10 | 11012025 21 | Di. Sueimi Singh | supplementation on pulmonary function | 2 years | 15/05/2025 | 5, 02, 100 | |
| | | | parameters assessed by forced oscillation | | | | |
| | | | technique in children with bronchial asthma: | | | | |
| | | | A pilot, double blind, randomized trial | | | | |
| 11 | IM/F/11/2023-24 | Dr. Ragini Singh | Detection of interleukins - 6 and 8 in saliva | 2 years | 13/09/2023 | 4, 82, 000 | AIIMS – |
| | | | as possible biomarkers for oral pre-malignant | - | | | RAJKOT |
| | | | lesions and oral cancer. | | | | |
| 12 | IM/F/12/2024-25 | Dr. Tarang Patel | PD-L1 Expression on IHC: Predictive | 2 years | 27/04/2024 | 1,41,088 | AIIMS – |
| | | | and Prognostic Significance in Oral | | | | RAJKOT |
| | | | Squamous Cell Carcinoma. | | | | |
| 13 | IM/F/13/2024-25 | Dr. Utsav Parekh | Forensic evaluation of gender variations | 1 year | 27/04/2024 | 20,000 | AIIMS – |
| | | | in digital fingerprint ridge density and | | | | RAJKOT |
| | | | influence of hand dimensions in Gujarati | | | | |
| | | | ethnicity. | | | | |
| 14 | IM/F/14/2024-25 | Dr. Pradip chauhan | Histological study of the | 2 years | 27/04/2024 | 1,59,425 | AIIMS – |
| | | _ | intrahippocampal blood vessels, cerebral | - | | | RAJKOT |
| | | | mass and proposing a new classification | | | | |
| | | | of the cerebrovascular branching pattern | | | | |
| | | | in humans. | | | | |
| 15 | IM/F/15/2024-25 | Dr. Abhishek Padhi | Clinical and molecular correlates of | 2 years | 27/04/2024 | 3,75,000 | AIIMS – |
| | | | metronidazole resistance in Trichomonas | 5 | | <i>, ,</i> | RAJKOT |
| | | | vaginalis: A cross - sectional study. | | | | |
| 16 | IM/F/16/2024-25 | Dr. Pradip Barde | Predicting anemic status from clinical site | 2 years | 27/04/2024 | 19,372 | AIIMS – |
| | | 1 | images using Artificial Intelligence. | 5 | | , | RAJKOT |
| | | | | | | | |
| 17 | IM/F/17/2024-25 | Dr. Parth Goswami | Statistical comparison of basic coagulation | 2 years | 27/04/2024 | 1,08,771 | AIIMS – |
| | | | and platelet parameters among type 2 | | | | RAJKOT |
| | | | Diabetic patient with microvascular | | | | |
| | | | complication, without complication and non- | | | | |
| | | | Diabetic persons at tertiary care Institute - A | | | | |
| | | | Cross-sectional comparative study. | | | | |



Institute of National Importance under PMSSY, MoHFW

| 18 | IM/F/18/2024-25 | Dr. Mayuri Bhise | Evaluation of Anti-HBs antibody titres and assessing the immune response among healthcare workers vaccinated against Hepatitis B in AIIMS Rajkot. | 2 years | 27/04/2024 | 1,20,000 | AIIMS – RAJKOT |
|----|-----------------|-------------------------------|--|-----------|------------|----------|-------------------|
| 19 | IM/F/19/2024-25 | Dr. Gyanendra Singh | Assessment of tumour micro - environment and clinicopathological significance of T- regulatory cell markers foxp3 and ctla - 4 expression in patients with oral squamous cell carcinoma. | 2 years | 27/04/2024 | 1,85,783 | AIIMS – RAJKOT |
| 20 | IM/F/20/2024-25 | Dr. Kapil Jetha | A study on the relation between headache severity with Serum Vitamin D and Magnesium levels in children with recurrent Primary headache. | 2 years | 27/04/2024 | 1,42,508 | AIIMS – RAJKOT |
| 21 | IM/F/21/2024-25 | Dr. Pinky Meena | Lipoprotein a level and its correlates, in children and adolescents of Saurashtra region in India: Cross Sectional Study. | 1 year | 27/04/2024 | 2,91,585 | AIIMS – RAJKOT |
| 22 | IM/F/22/2024-25 | Dr. Patnana Arun Kumar | Evaluating the disinfection effectiveness of two different irrigation needles in primary teeth - A Randomized Controlled Trial. | 2 years | 27/04/2024 | 1,24.077 | AIIMS – RAJKOT |
| 23 | IM/F/23/2024-25 | Dr. Medhavi Sharma | Mapping heterogeneity in polycystic ovarian syndrome: Integrating clinical, endocrinological, body composition analysis and vagosympathetic tone - A prospective pilot study. | 2 years | 27/04/2024 | 3,63,845 | AIIMS – RAJKOT |
| 24 | IM/F/24/2024-25 | Dr. Punkhuri Dubey | Clinico-mycological trends in vulvovaginal candidiasis identified in Gynecology Outpatient at AIIMS Rajkot. | 2 years | 27/04/2024 | 1,05,698 | AIIMS – RAJKOT |
| 25 | IM/F/25/2024-25 | Dr. Anjali Modi | A mixed-methods research on prevention and perception of cancers in women among health care providers in India. | 18 months | 27/04/2024 | 26,000 | AIIMS – RAJKOT |
| 26 | IM/F/26/2024-25 | Dr. Ramotra Rohini Krishan | Ophthalmic artery doppler in the prediction of late onset Pre Ecampsia. | 2 years | 27/04/2024 | 58,282 | AIIMS – RAJKOT |



Institute of National Importance under PMSSY, MoHFW

| 27 | IM/F/27/2024-25 | Dr. Rohin Garg | Exploring the relationship of | 2 years | 27/04/2024 | 15,000 | AIIMS – |
|----|-----------------|----------------|--|---------|------------|--------|---------|
| | | | anthropometrics, body composition | | | | RAJKOT |
| | | | characteristics and muscle endurance as | | | | |
| | | | correlated factors of static balance among | | | | |
| | | | adult population. | | | | |

| Int | ramural Non-Fund | ed | | | | | |
|-----|------------------|--------------------------|--|-----------------|------------|----|----|
| 1 | IM/NF/02/2024-25 | Dr. Yashdeep Pathania | To Study the prevalence of Anti-tyroid Peroxidase antibodies and C-Reactive protein serum levels in patients with late onset vitiligo. | 2 years | 27/04/2024 | NA | NA |
| 2 | IM/NF/03/2024-25 | Dr. Akshat Gupta | Sensitivity of Measurements Taken in the Anteroposterior View Versus Those in the Flexion Posteroanterior View to the Extent and Severity of Knee Osteoarthritis: A Double-Blind Randomized Control Trial. | 2 years | 27/04/2024 | NA | NA |
| 3 | IM/NF/04/2024-25 | Dr. Garima Upreti | Assessment of Vestibular and Balance Function in Diabetes Mellitus patients without Dizziness/Vertigo Symptoms. | 1 year | 27/04/2024 | NA | NA |
| 4 | IM/NF/05/2024-25 | Dr. Mamta Singh | Visual field defect in Indian driving license holding population: A hospital- based study. | 1 year | 27/04/2024 | NA | NA |
| 5 | IM/NF/06/2024-25 | Dr. Abhishek Mishra | Does thermotheraphy lead to decresed analgesic requirement in patients with osteoarthritis of knee managed non- surgically. | 1 year | 27/04/2024 | NA | NA |
| 6 | IM/NF/07/2024-25 | Dr. Bhautik Modi | Evaluation of Universal Immunization Program under Co-WIN (U-WIN) initiative with reference to routine Immunization program. | 1 year 6 months | 27/04/2024 | NA | NA |



Institute of National Importance under PMSSY, MoHFW

| 7 | IM/NF/08/2024-25 | Dr. Sumit Bansal | Efficacy and safety of oral Magnesium vs. oral zinc in the post - operative sore throat (POST): A prospective, randomized, Double - blind, placebo - controlled study. | 2 years | 27/04/2024 | NA | NA |
|----|------------------|---------------------------------|--|--------------------|------------|----|----|
| 8 | IM/NF/09/2024-25 | Dr. Kedar Nimavat | Analysis of clinical profile of patients aged more than 8 years with dry eye disorder attending tertiary care centre eye OPD. | 1 year | 27/04/2024 | NA | NA |
| 9 | IM/NF/10/2024-25 | Dr. Lalit kumar Ratanpara | Radiological study for determining a better parameter between Critical Shoulder Angle and Acromio-Glenoid Angle for predicting development of Glenohumeral joint Osteoarthritis. | 2 years | 27/04/2024 | NA | NA |
| 10 | IM/NF/11/2024-25 | Dr. Jyotiranjan Das | A comparative study of otologic clinical presentations and endoscopic grading adenoid hypertrophy. | 1 year 2 months | 27/04/2024 | NA | NA |
| 11 | IM/NF/12/2024-25 | Dr. Anjali Modi | Epidemiological study of Urolithiasis in Saurashtra Region of Western India. | 1 year | 09/08/2024 | NA | NA |
| 12 | IM/NF/13/2024-25 | Dr. Utsav Parekh | Assessment of bone age using radiographs of knee joint in indigenous people of Gujarat. | 1 year 6 months | 09/08/2024 | NA | NA |
| 13 | | Dr. Abhilasha Motghare | The impact of two different positions to achieve target preoxygenation using four vital capacity deep breathing technique – A randomized controlled trial. | 1 year | 09/08/2024 | NA | NA |
| 14 | IM/NF/15/2024-25 | Dr. Urmila Sunda | Assessing the fetal adrenal artery doppler, adrenal size, and umbilical artery doppler as novel marker of placental insufficiency and intrauterine Growth-Restriction: A Case-control study analysis. | 2 years | 09/08/2024 | NA | NA |



Institute of National Importance under PMSSY, MoHFW

| 15 | IM/NF/16/2024-25 | Dr. Garima Upreti | Non-Invasive neuromodulation for Tinnitus management: Comparative Evaluation of Transcutaneous Auricular Vagal Nerve stimulation and Transcranial Direct Current Stimulation Modalities. | 2 years | 09/08/2024 | NA | NA |
|----|------------------|-------------------|---|---------|------------|----|----|
| 16 | IM/NF/17/2024-25 | Dr. Anita Saran | Comparison of Two Different doses of dexamethasone for attenuation of Post Spinal Anaesthesia Hypotension: A Prospective, Randomized, Double-blind, Clinical Study. | 2 years | 09/08/2024 | NA | NA |
| 17 | IM/NF/18/2024-25 | Dr. Mohit Galani | Outcome of full pulpotomy compared to root canal treatment in cariously exposed mature permanent teeth with signs of symptomatic irreversible pulpitis and apical radiolucency: A randomized controlled trial. | 2 years | 09/08/2024 | NA | NA |

| Departmental Non-Funded | | | | | | | | |
|-------------------------|-----------|---------------------|--|-----------|------------|----|----|--|
| 1 | D/14/2022 | Dr. Sanjay Gupta | Impact of Basic Course in Bio- Medical Research on Medical Teachers and post - graduate students across India after Amendment Implemented by National Medical Commission. | 18 months | 09/07/2022 | NA | NA | |
| 2 | D/18/2022 | Dr. Pradip B. Barde | Comparative assessment of association of autonomic function, psychological parameters and lung function test with body composition amongst the police personnel and general population in Rajkot | 2 years | 09/07/2022 | NA | NA | |



Institute of National Importance under PMSSY, MoHFW

| 3 | D/21/2022 | Dr. Suman Bodat | School Based interventional study on Mosquito borne diseases awareness and control in Rajkot City. | 6 months | 09/07/2022 | NA | NA |
|----|-----------|-------------------------|---|-----------|------------|----|----|
| 4 | D/26/2022 | Dr. Naresh Parmar | Prevalence of Risk of Obstructive Sleep Apnoea (OSA) in general population in the western region of Gujarat. | 2 years | 17/03/2023 | NA | NA |
| 5 | D/27/2022 | Dr. Shubha Singhal | Doctor- patient communication practices: A cross-sectional survey on Indian Physicians. | 12 months | 14/02/2023 | NA | NA |
| 6 | D/29/2022 | Dr. Krupal J. Joshi | Comparison of Ice Lined Refrigerators of the different types used in Gujarat under the Universal Immunization Program. | 14 months | 17/03/2023 | NA | NA |
| 7 | D/31/2022 | Dr. Pradip Chauhan | Impact of Immersive Virtual Reality in conceptualization of Anatomy. | 1 year | 14/02/2023 | NA | NA |
| 8 | D/32/2022 | Dr. Garima Upreti | Pattern of recreational noise exposure in youth. | 1 year | 14/02/2023 | NA | NA |
| 9 | D/34/2023 | Dr. Mamta Singh | Should the perimetry test be made essential before issuing/renewing a driving license? | 1 year | 17/03/2023 | NA | NA |
| 10 | D/35/2023 | Dr. Deepak Parchwani | Verification of reference interval of various clinical chemistry tests using patient results with KOSMIC and Hoffmans indirect methods | 1 year | 14/02/2023 | NA | NA |



Institute of National Importance under PMSSY, MoHFW

| 11 | D/36/2023 | Dr. Sweta Soni | Assessment of 5 A's of Human Papilloma Virus (HPV) Vaccination: Awareness, Attitude, Apprehension, Action expected and Acceptability Amongst Health Care Provider, Medical Students, Para-Medical and Administration Staff in AIIMS Rajkot. | 05 months | 29/04/2024 | NA | NA |
|----|-----------|------------------------------|--|-----------|------------|----|----|
| 12 | D/37/2023 | Dr. Sagar Dholariya | Unveiling the utility of AI for prediction diagnosis and progression of kidney disease in patients with type 2 diabetes melitus: An evidence based systematic review. | 06 months | 29/04/2024 | NA | NA |
| 13 | D/38/2023 | Dr. Aishwarya Tejan Bhatt | Central compartment atopic diease: phenotypic charctrization amongst chronic Rhinosinusitis patients | 06 months | 29/04/2024 | NA | NA |
| 14 | D/39/2023 | Dr. Patnana ArunKumar | Effectivness of hand and rotary instrumentations during biomechanical preparation in primary teeth - An umbrella review. | 1 Year | 29/04/2024 | NA | NA |
| 15 | D/40/2023 | Dr. Praful Pujari | Comparison of efficacy of 4% Articaine & 2% Loidocaine in maxillary buccal infiltration during dental procedures - A systematic review. | 1 Year | 29/04/2024 | NA | NA |
| 16 | D/41/2023 | Dr. Aditya Kulkarni | Accuracy of static and dynamic computer assisted implant surgery: systematic review. | 1 Year | 29/04/2024 | NA | NA |
| 17 | D/42/2023 | Dr. Garima Anandani | Gamification in pathology: mode of improving the subject understanding and academic performance of Indian medical undergraduates at AIIMS - Rajkot. | 1 Year | 29/04/2024 | NA | NA |
| 18 | D/43/2023 | Dr. Abhilasha Motghare | Comparison of Peytons method versus video- based demonstration method to teach endotracheal intubation to final year medical undergraduate students. | 1 Year | 29/04/2024 | NA | NA |



Institute of National Importance under PMSSY, MoHFW

| 19 | D/44/2024 | Dr. Gayatri Bhatia | Sucide literacy among healthcare professionals in India: A cross-sectional study. | 1 year 6 months | 09/08/2024 | NA | NA |
|----|-----------|-------------------------|---|-----------------|------------|----|----|
| 20 | D/45/2024 | Dr. Shivani Lashkari | Urility of Narrow Band Imaging for Characterization of Laryngopharyngeal Reflux. | 6 months | 09/08/2024 | NA | NA |
| 21 | D/46/2024 | Dr. Praggya Mishra | Comparative Analysis of GQL-15 and NEIVFQ-25 Questionnaires for Assessing Quality of Life in Indian Glaucoma Patients: Feasibility and Efficacy Evaluation. | 12 months | 09/08/2024 | NA | NA |
| 22 | D/47/2024 | Dr. Mamta Singh | Retrospective analysis of clinical records to determine the efficacy of eye irrigation as the primary treatment for coreneal foreign bodies in a hospital setting. | 2 months | 09/08/2024 | NA | NA |
| 23 | D/48/2024 | Dr. Ragini Singh | From concepts to Applications of Artificial Intelligence: Leveraging Molecular Biology for Practical Bioinformatics Education at the Undergraduate Medical Level. | 6 months | 09/08/2024 | NA | NA |
| 24 | D/49/2024 | Dr. Mohit Galani | Effectiveness of activated irrigation compared to conventional (nonactivated) needle irrigation on postopeative pain reduction in adult patients after single visit root canal treatment: A Systematic review and Metanalysis. | 1 year | 09/08/2024 | NA | NA |



Institute of National Importance under PMSSY, MoHFW

| 25 | D/50/2024 | Dr. Charmi Bhimbha | A Study of knowledge and attitude of anesthetist towards artificial intelligence. | 6 months | 09/08/2024 | NA | NA |
|----|-----------|-----------------------------|--|----------|------------|----|----|
| 26 | D/51/2024 | Dr. Archan K Dhanesha | Effectiveness of different chelating agents and agitation techniques in removal of different forms of calcium hydroxide: An in vitro CBCT volumetric analysis. | 1 year | 09/08/2024 | NA | NA |
| 27 | D/52/2024 | Dr. Ahir Palak Dilipbhai | Anaesthesiologist and Anaesthesiology Techniques – How aware are the patients and attendants in a tertiary care hospital? | 6 months | 09/08/2024 | NA | NA |
| 28 | D/53/2024 | Dr. Aakanksha Raval | What after anaesthesia? A survey about the practice of post-anaesthesia visit by resident anaesthesiologists | 6 months | 09/08/2024 | NA | NA |
| 29 | D/54/2024 | Dr. Rima Shah | Pharmacoeconomic analysis to determine the relative cost-effectiveness of drugs used for primary open-angle glaucoma/ocular hypertension. | 1 year | 09/08/2024 | NA | NA |
| 30 | D/55/2024 | Dr. Jyotiranjandas | Contralateral ear evaluation in unilateral chronic otitis media: clinical, audiological, and radiological perspectives | 1 year | 09/08/2024 | NA | NA |
| 31 | D/56/2024 | Dr. Gaurav Sharma | Transcutaneous Auricular vagus nerve stimulation and neurocognitive processing: Investigating the effect of Transcutaneous Auricular vagus nerve stimulation on P300 Event-related potential in Auditory Oddball paradigms. | 2 years | 09/08/2024 | NA | NA |



Institute of National Importance under PMSSY, MoHFW Government of India <u>www.aiimsrajkot.edu.in</u>